

## **APPARATUS FOR MOVING A BATTERY**

### **ABSTRACT OF THE DISCLOSURE**

An apparatus for moving a battery relative to a shelf unit includes: (a) a motion generating unit presenting a first force in a first motion type at a first output locus; (b) a motion translating unit  
5 receiving the first force and translating the first force to present a second force related to the first force in a second motion type at a second output locus; (c) a battery engaging structure coupled with the second output locus for applying the second force to the battery; and (d) a substantially rigid frame supporting the motion generating unit and the motion translating unit and cooperating with the shelf unit to substantially fixedly situate the frame during the moving. The moving is effected in a  
10 generally vertical axis in response to the second force.